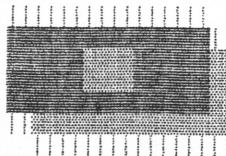


VIEW FROM RAMTOP



HAPPY HALLOWEEN
&
HAPPY THANKSGIVING

Yes, I did survive the Dayton, Ohio Mid-West Computer Fest. After 22 hours of straight driving, my buggy eyes were bulging towards the many products for the TIMEXsinclair community. But first, my friend (Jeff Anderson) and I had to find where our beloved computers were located. The Hora Arena was exactly that, with one exception. The arena was really made up of three (3) arenas all contained within one large building. It took Jeff and I 30 minutes just to find the T/S section. When we did, we were surprised at the size of the turn-out. Not even Zenith/Heath's setup was as large as the T/S section. Mechanical Affinity, Sharp's Inc, QUANTIA's U.S.A. Sub-Librarian, Steve Spalding of Sting Graphics, T/SNUG's Don Lambert & Bob Suoger, UPDATE Magazine, Dave Bennett, etc, etc, were all present and BUSY! It was here that Jeff took the BIG JUMP from his trusty 10 year old T/S 1000 to the Multitasking, File Serving, Networking, Sinclair QL. Jeff was as proud as a father with his new born baby! My purchases were a little more elaborate. I saw and fell deeply in love with the new Miracle Systems Gold Card. The small marvel of an add-on card, fits completely within the QL's expansion slot. The Gold Card has everything the Trump Card 2 has plus lots more! In matter of fact, the manual given with the Gold Card belongs to the Trump Card. However, there is a supplemental sheet included. Here is some of the fantastic features:

DISK DENSITIES

DD - Double Density	- 720 K
HD - High Density	- 1.44M
ED - Extra High Density	- 3.2 M

DISKETTE

	DD	HD	ED
D	720K	720K	720K?
R			
I	HD	1.44M	720K?
V			
E	ED	1.44M	3.2M

? = UNRELIABLE

SUB-DIRECTORIES

Hard sub-directories can be created using the `MAKE_DIR` command.

e.g. `MAKE_DIR "FLP2 LETTERS"`

After executing this command, typing `"DIR FLP2_"` will show amongst its output, the file `"LETTERS ->"` signifying that `"LETTERS"` is a sub-directory.

DISK DRIVE STEP RATE

The step rate is set automatically by the GOLD CARD to be 3 ms. for an 80 track drive and 6 ms. for a 40 track. This can be overridden by using `"FLP_STEP"`. If only one parameter is given then this step rate is applied globally:

e.g. `FLP_STEP 12`

will set the step rate on all drives to 12 ms. When 2 parameters are given, then the first is the drive number and the second, the step rate:

e.g. `FLP_STEP 3,6`

will set FLP3_ to step at 6 ms.

RAM SIZE

`RES_SIZE 896` will cause the QL to reset to give a capacity of 896K, making the system look as though there is a TRUMP CARD 768K installed.

`RES_SIZE 128` is identical in operation to `RES_128`. Resetting to this size has two other effects; only Double Density disks can be used, and `"PROT_DATE 1"` is executed.

BATTERY BACKED CLOCK

The time will be maintained by the GOLD CARD when first installed after the power is switched off. Removal of the GOLD CARD from the QL

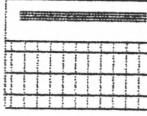
causes the time to be lost. The GOLD CARD clock can be protected by using `"PROT_DATE"` command.

`PROT_DATE 1` - In this protected state, all operations involving the clock only uses the QL's clock.

`PROT_DATE 0` - is executed, which allows the GOLD CARD clock to be modified.

QL HARD-DISK EXTENSIONS

All `"WIN_REXT"` files are included in the GOLD CARD's ROM. To execute, just type `"TK2_EXT"`.

Support For
sinclair
ZX81 - spectrum - QL
and
TIMEXsinclair
1000 - 1500 - 2068

CAMBRIDGE
Z 88
computers

2/16/91
RSO

32 K RAM

32K RAM in the Cartridge Port for Timex Portugal Disc Drives.

- SPECTRUM EMULATOR
- TIMEX COMMAND CARTRIDGE SOFTWARE
- BASIC PROGRAMS

Spectrum Emulator: The Spectrum code can be loaded into RAM and then Spectrum programs run from disc. The pull-up resistors are needed for some Spectrum games. Jack Dohany's dual Interface is needed to load Spectrum programs.

To save the emulator code to disc:

```
10 OUT 244,240
20 SAVE * "SPEC" CODE 32768,16384
30 OUT 244,0
```

To LOAD the Spectrum code:

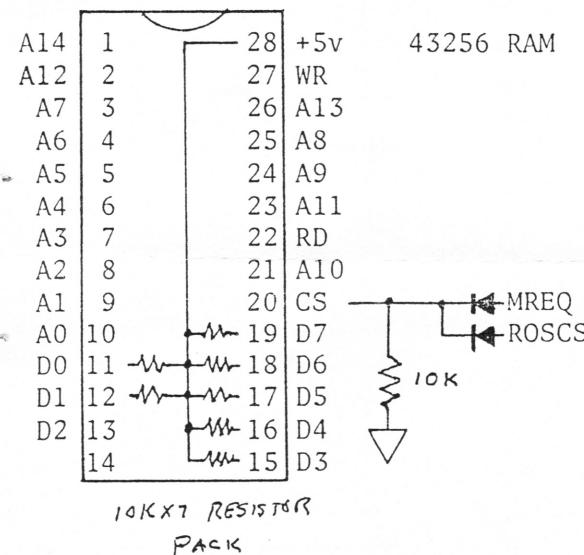
```
10 OUT 244,240
20 LOAD * 'SPEC'CODE 32768,16384
30 NEW
```

Switch in the Spectrum Interface.

Timex Command Cartridges: Except for the names, Command Cartridge software uses the same procedure. You'll need to switch off the +5 volts to the cartridge during power up for the TS2068. Turn on the power and save to disc.

BASIC Programs: BASIC programs must follow the rules for AROS software as outlined in the Timex Technical Manual and elsewhere. Use of the cartridge RAM frees up 32K of HOME RAM for large arrays or data files. When loading a BASIC program into the cartridge RAM the AROS header is required. Here is an example:

```
10 OUT 244,240
20 RESTORE
30 FOR n=32768 TO 32775
40 READ x
50 POKE n,x
60 NEXT n
70 DATA 1,2,8,128,15,1,21,0
80 POKE 23635,8:POKE 23636,128:LOAD X "WP": OUT 244,0:NEW
```



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(415) 369 9136

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User group meetings are always open to the public at no charge. Attendance is highly encouraged.

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ WORK#: _____

HOW DID YOU HEAR ABOUT US?
FEST _____ COMPUTER STORE _____

NEWSPAPER/MAGAZINE _____

MEMBER/FRIEND _____

WORK WITH A COMPUTER AT YOUR JOB?
YES _____ NO _____ MAKE/MODEL _____

DO YOU OWN A COMPUTER? YES _____ NO _____
MAKE/MODEL (YOURS) _____

IS IT YOUR FIRST? YES _____ NO _____

COMPUTER EXPERIENCE (YEARS) _____ (MONTHS) _____

PROGRAMMING INTERESTS ARE?

BASIC _____ ASSEMBLY _____

FORTH _____ MACHINE CODE _____

PASCAL _____ C COMPILER _____

KNOWLEDGE: SOFTWARE _____ HARDWARE _____

LIST MAIN INTERESTS/ACTIVITIES

PROGRAMMING (BA,MC) _____ GRAPHICS _____

ENTERTAINMENT/GAMES _____ EDUCATION _____

BUSINESS APPLICATION _____ FINANCE _____

Mini File Server BBS (MFSBBS)

Supports: 300/1200 baud at 8,N,1 The Mini File Server BBS
Terminal: VT52 gives support for TIMEX
Sysop: Steve Nichols and Sinclair on disc #10.
Phone#: (408) 253-2295 SLIX is also available.

TSCPUG

TIMEXsinclair Cambridge Peninsula Users Group Support for:
311 Michelle Lane 1000/1500/2000
Daly City, CA 94015 -Cambridge 288
(415) 878-1773 -Sinclair's
Spectrum, +128K and QL

President: George Mockridge
Host: Walt Johnson

Meetings: Third Sunday of each month, 1:00 pm
Peninsula Hospital (Sierra Room)
1783 El Camino Real
Burlingame, CA

Dates: September 15, 1991
October 19, 1991
November 17, 1991

CUTSF/SV

TIMEXsinclair Z80freeware Silicon Valley Users (408) 253-3175
6675 Clifford Drive Cupertino, CA 95010-4530

Host: Bill Miller

Meetings: Third Wednesday of each month - 7:30 pm
CALL FOR MEETING LOCATION

Projects: Organizing Sinclair Information

Dates: September 18, 1991
October 16, 1991
November 20, 1991

TSALUG/MHC

TIMEXsinclair QL Users Group
Mile High Chapter

Hosts: Curt Carlson

Meetings: Third Saturday of each month - 2:00 pm
601 S. Grant Street
Denver, CO 80209
(303) 733-4391

Dates: September 14, 1991
October 12, 1991
November 16, 1991

TSCE_Sig/TCW

TIMEXsinclair Z80freeware S.I.G.
of The Computer Workshop
6675 Clifford Drive
Cupertino, CA 95010-4530
(408) 253-3175

SIG Host: Bill Miller

Meetings: First Saturday of the month at 10:00 am
Stanford University
Jordan Hall, Building 380 (in the Quad)
Room 380C (downstairs)

Dates: September 7, 1991
October 5, 1991
November 2, 1991

IBM CAR SALES

(OR HOW NOT TO BUY MAINFRAMES)

Recently, IBM branched out into auto sales. I stopped by to see what was available, and here is the deal offered by the salesman (who used to be a DSM software engineer).

"Here's our one and only model, you have to pay for it now, but you'll get it in two years."

"It doesn't run yet, and you can't look under the hood. I'll spend the next few years working on it in your garage, and of course I'll bill you for my time."

"I see your list of options. Well, I'll include maybe a tenth of them. But then I'll toss in a load of options you didn't ask for (for which you will be billed), maybe some of them will work."

"After a few months of repair, you may be able to drive it around the block, but not as fast as I promised, and not carrying as much cargo as I promised, and I need to be in the passenger seat the whole time calling you an idiot if you don't know enough to use the screwdriver and wrench rather than the steering wheel and clutch."

"There is no driver's manual, you'll just have to figure out how to drive it by trial and error; no matter how important the trip you're trying to make is. Get this, after we fix it each time, the controls will change (some of them so radically that if you use them the car will crash) but we still won't tell you how to use them. Good luck."

"We probably should have used an engine designed in this decade, but we had so many leftover parts from the 1960s that we used them instead."

FOR SALE (Contact Editor if interested)

Mint condition,
ZX Spectrum+ 128K;
Interface I, II, & III; assorted
microcassettes; ZX Printer with
three (3) roles of silver paper;
two (2) ZX Microdrives, and
Spectrum books.....Make offer

Excellent condition, Rotronics
WAFADrive with assorted wafers,
Rainbow interface with Spectrum
Mod 'B', and a bonus, a serial
parallel converter especially
designed to receive/transmit at
different baud rates. Cables
included.....Make offer

Excellent condition, Dual A&J
wafer drives, assorted wafers,
parallel interface & cables.
Make offer

Managing Editor: A. Peter Hodesky
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TSCPUG: George Mockridge
GUTSCE: Bill Miller
Mile_H: Curt Carlson

This TIMELINEZ Newsletter is a joint publication of four TIMEX Sinclair User Groups in the US.

TIMELINEZ publication will cover three issues for the year 1991. Starting in 1992, the publication rate will increase up to four/six issues (or as finances permit).

Back issues of TIMELINEZ is available. Contact your editor at:

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